



WORLD'S BEST
ALLOY BULLBARS

East Coast Bullbars (ECB Pty Ltd)

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BHU70SY

REPLACES: 09.07.10
REVISED: 26.11.12

FITTING INSTRUCTIONS

HYUNDAI ILOAD AND IMAX 02/08on BIG TUBE™ PROTECTION BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS) FOR AIR BAG & ADR COMPLIANT VEHICLES

Check installation hardware before commencing.

1. Remove bumper. Three plastic PK screw clips from underside front of bumper, two plastic PK screw clips from front of inner wheel arch(per side), one 8mm head bolt from rear of wing into guard (per side), ten plastic screw clips across top of bumper to radiator support. Carefully pull sides of bumper out and then forward to remove from clips in guard and under headlight (**See figure 1**). Swing lower edge of bumper forward and lift to remove.
2. Lay bumper skin face down on a soft cloth. Using long nose pliers, remove alligator clips from polystyrene infill. **See figure 2**. To remove, take alligator clip from short side and twist up.
3. Remove thirteen PK screws and two steel retainers to split bumper into two pieces. Unclip top from lower half. **See figure 3**.
4. On passenger's side, remove two 10mm head bolts and four 12mm head bolts from bumper support bracket. Slide steel mounting bracket (supplied) behind bumper support bracket. **See figure 4**. Refit bumper support bracket through steel mounting bracket using two M8 x 30mm bolts, flat washers and spring washers (supplied) to outside holes only. Repeat for driver's side.
5. Align steel mount brackets to vehicle using the inner measurement on the protection Bars alloy mounts, to the outside of the steel mounting brackets attached to vehicle.
6. Drill two 10mm holes (per side) using steel mounting brackets as a guide. One at front through bumper support bracket and other through lower radiator support, taking care not to hit intercooler (on turbo diesel vehicles). **See figure 5 and 6**. Hole in lower radiator support should come out on driver's side between bolts to hold lower mount of tow hook thread. Care must be taken on passenger's side to not hit vehicle wiring harness. **NOTE: All filings must be blown out and bare metal treated using paint or a rust inhibitor.**
7. Using 3/8 x 1 bolts and washers on 200mm wire, flat washers, spring washers and nuts (supplied), attach steel mounting brackets to bumper support bracket.
8. On driver's side, remove previously installed M8 x 30 bolts through bumper support bracket. Wedge bumper support away from vehicle to allow access to previously drilled hole. Enlarge hole using a die grinder or similar, to allow fitment of 17mm diameter x 30mm inner tube (supplied). **See figure 7**. **NOTE: All filings must be blown out and bare metal treated using paint or a rust inhibitor.** Install 3/8 x 2 1/2 bolt from inside of radiator support, inner tube from outer side. **See figure 8**. Refit bumper support ensuring inner tube stays behind steel mounting bracket. Repeat for other side.
9. Install inner M8 x 30 bolts, spring washers, flat washers and 3/8 flat washers (supplied) into bumper support. **TIGHTEN ALL BOLTS.**
10. Disconnect indicator and parking lights on vehicle. Install ECB quick click wiring harnesses (supplied) between disconnected harness and indicator / park lights on vehicle. Run wiring out from under lights ensuring clearance from sharp edges and moving parts.



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11. Refit top half of bumper to vehicle as per reverse of step 1.
12. Place bottle protector (supplied) onto front of driver's side mount using two M6 x 20 bolts, flat washers and nyloc nuts (supplied). Bend 3/8 x 1 bolts on wire (supplied) to shape and feed through hole in rear of bottle protector and body support bracket. Attach using flat washer, spring washers and 3/8 nuts (supplied). **See figure 9. Tighten all bolts.**
13. Fit LED indicator / park lights (supplied) into protection bar as per instructions supplied with the LED indicator kit. **NOTE: Ensure park light is to outside. See figure 10.**
14. Fit 6mm clip lock trim (supplied) to rear of protection bar. Trim underside of each end to allow top of clip lock to cover to end of protection bar. **See figures 11, 12 and 13.**
15. Remove lower skirt vents to allow access with impact wrench. Fit protection bar to outside of steel mounting brackets. Use 1/2 x 1 1/2 bolts, flat washers, spring washers and nuts (supplied). **FINGER TIGHTEN ONLY.**
16. Align protection bar with vehicle. **See figure 14** for front view and **figure 15** for side view. **TIGHTEN ALL BOLTS/NUTS.**
17. Trim inner guards to suit bottom of protection bar. **See figure 16** Drill a 6mm hole in edge of inner guard next to bottom of original bumper. Attach to original bumper through hole in rear of inner bumper using small zip tie (supplied). **See figure 17.**
18. Connect lights and check for correct operation.
19. Refit lower skirt vents. Ensure vents are fitted with logo to bottom to allow maximum air flow to turbo intercooler. **See figure 18.** Neatly fit 6mm clip lock trim (supplied) outer holes in protection bar skirt. Place join to centre of inner flat edge for ease of fitment.

ENSURE NUMBER PLATE IS CLEARLY VISABLE

Note: When fitting/refitting the licence plate to the vehicle, ensure there is no obstruction to licence plate vision in accordance with local authorities. If required relocate licence plate to an alternate location.

Further VFPS Notes:

- a) Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
- b) Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
- c) Do not remove the plaque or label from the VFPS.
- d) Do not modify the structure of the VFPS in any way.
- e) No accessory or fitment should project forward of the VFPS forward profile.
- f) **ENSURE THESE INSTRUCTIONS ARE LEFT WITH VEHICLE OWNER AND/OR OPERATOR.**

IMPORTANT INFORMATION

Periodically check bolts and nuts for correct tightness, especially if travelling on rough roads



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FITTING KIT

2 – Steel mounting brackets	6 – 3/8 spring washers
1 – Alloy bottle protector (bash plate)	6 – 3/8 nuts
6 – ½ x 1 ½ bolts	2 – M6 x 20 bolts
12 – ½ flat washers	4 – M6 flat washers
6 – ½ spring washers	2 – M6 spring washers
6 – ½ nuts	2 – M6 nuts
8 – M8 x 1.25 x 30mm bolts	2 – 10 NB x 30mm spacer tube
8 – M8 flat washers	1 – LED Indicator / Park light kit.
8 – M8 spring washers	1 – Quick Click Indi / Park kit (IC08ILOECB100H)
2 – 3/8 x 1 bolts and washers on 200mm wire	1 – 2700mm length 6mm clip lock trim
2 – 3/8 x 1 bolts only on 200mm wire	2 – 400mm length 6mm clip lock trim
2 – 3/8 x 2 ½ bolts	2 – 150mm zip ties
16 – 3/8 flat washers	

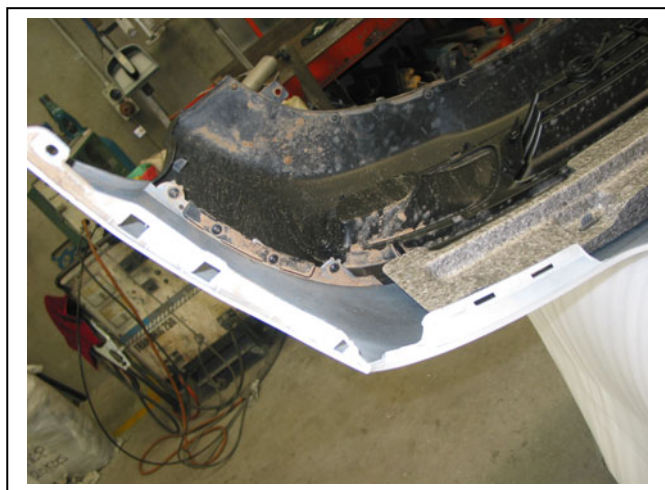


Figure 1: Clips on top edge of bumper to guard and headlight



Figure 2: Polystyrene infill in bumper cover



Figure 3: Screws across centre of bumper



Figure 4: Steel mounting bracket being placed behind bumper support. Passenger's side shown.



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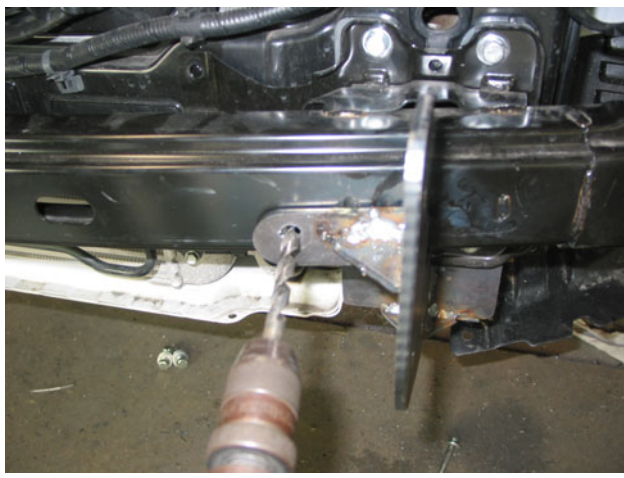


Figure 5: Drill hole in bumper support using steel mounting bracket as a guide.



Figure 6: Drill hole in radiator support using steel mounting bracket as a guide.



Figure 7: Enlarge hole in radiator support using a die grinder.



Figure 8: Place bolts through from inside of radiator support.



Figure 9: 3mm alloy bottle protector fitted

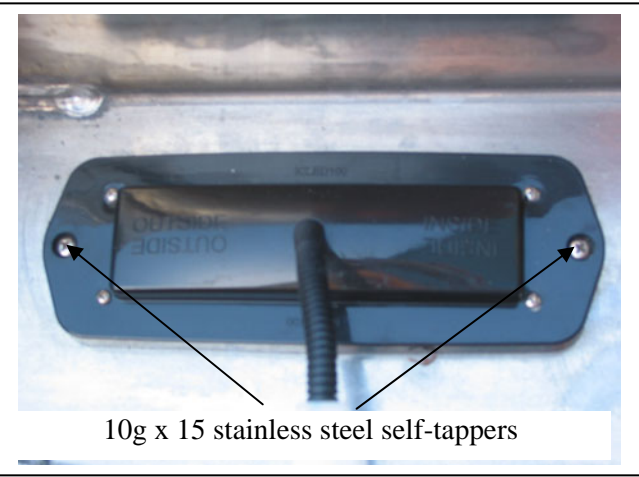


Figure 10



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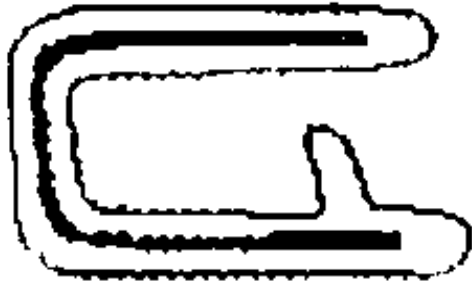
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Top



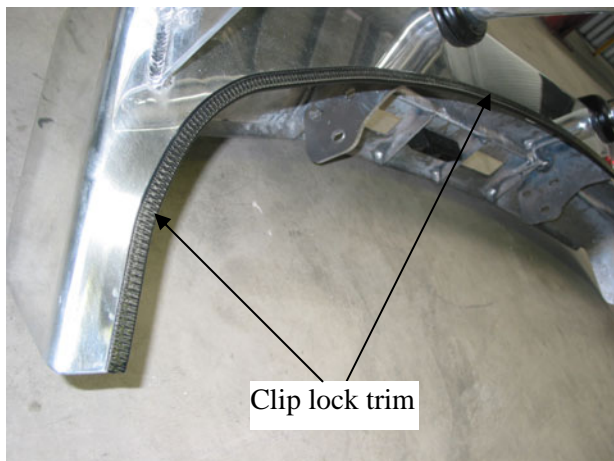
6mm Black clip lock trim

Figure 11



Trim lower
edge on an
angle

Figure 12



Clip lock trim

Figure 13



Figure 14: Front view



Figure 15: Side view



Figure 16: Inner guard trim, passenger's side shown



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Figure 17: 150mm zip tie holding inner guard



Figure 18: Turn skirt vents upside down to allow maximum airflow to intercooler



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We value your comments

Dear Fitter,

ECB would like to know how you went with the installation of this product. We value your comment and may need to contact you to clarify some details so please complete your contact details clearly.

We would appreciate if you could complete as many of the following details as possible.

Your Name:	Your contact No.
Product Part No.	Product Invoice No.
Product Description:	Make, model, and year of vehicle:
Product Work Order No.	Company your from/Company product purchased from:

Date of Fitment: ____/____/____

Was the fitting hardware supplied complete?

Yes

No

If no what was not supplied

Did the installation go well?

Yes

No

Please provide comments

Please draw diagrams if you need to.

Post to
Reply Paid 122
PO Box 122
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DESPATCH CHECKLIST BHU70SY

Work Order #	
Finish:	
Transport:	
Due Date:	

- 2 – Steel mounting brackets.
- 1 – Alloy bottle protector (bash plate)
- 1 – Bolt Kit
- 1 – LED Indicator / Park lights kit.
- 1 – Quick Click Indi / Park kit (IC08ILOECB100H)
- 1 – 2700mm length 6mm clip lock trim
- 2 – 400mm lengths 6mm clip lock trim
- 6 – 6mm air scoops – **Fitted to bar**
- 1 – Pair ECB overrides - **Fitted to bar**

**See other side of
this page for
photos of all
mounts**



Is this product “the best it can be” Yes _____ / _____
Wrapper's initials / Checker initials

If **NO** fix before continuing

All parts checked and completed by:

Nut and bolts: _____ Date __/__/__

Order control: _____ Date __/__/__

Final wrap check: _____ Date __/__/__



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